



## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product identifier

Product name

Ozonic 117

### Other means of identification

### Recommended use of the chemical and restrictions on use

Material Uses

Cleaner.

Uses advised against

Verify Applications

### Details of the supplier of the safety data sheet

#### Manufacturer

Hangsterfer's Laboratories, Inc., 175 Ogden Road, Mantua, NJ 08051; Phone 856-468-0216, Fax 856-468-0200, Website: www.hangsterfers.com

#### Emergency telephone number

Emergency telephone number

Chemtrec 1-800-424-9300 in US/Canutech 1-613-996-6666 in Canada For international assistance, dial Chemtrec US number 1-703-527-3887

## 2. Hazards Identification

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and ANSI MSDS Standard (Z400.1). Complies with Canadian Workplace Hazardous Materials Information System (WHMIS) standards.

### Classification

Aspiration toxicity	Category 1
Flammable Liquids	Category 4

### Label Elements

#### EMERGENCY OVERVIEW

**DANGER**

#### **Hazard statements**

May be fatal if swallowed and enters airways  
combustible liquid



**Appearance** Clear

**Physical state** Liquid

**Odor** Bland

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Do NOT induce vomiting

#### **Precautionary Statements - Storage**

Store locked up

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

### Hazards not otherwise classified (HNOC)

#### Other Information

- MAY BE HARMFUL IF SWALLOWED
- May be harmful in contact with skin

### 3. Composition/information on Ingredients

**Chemical Family** Synthetic Fluid.

Chemical name	CAS-No	Weight-%
Naphtha (petroleum), hydrotreated heavy	64742-48-9	100

### 4. First aid measures

#### First aid measures

**Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a physician if necessary.

**Skin contact** Wash skin with soap and water. Consult a physician if necessary.

**Inhalation** Remove to fresh air. Consult a physician if necessary.

**Ingestion** Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

#### Most important symptoms and effects, both acute and delayed

**Symptoms** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Water spray or fog is preferred; if water not available use dry chemical, CO<sub>2</sub> or regular foam. Cool containers with flooding quantities of water until well after fire is out.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

#### Specific hazards arising from the chemical

combustible liquid. Vapors are flammable. Keep product and empty container away from heat and sources of ignition.

**Hazardous combustion products** Carbon oxides.

#### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin and eyes. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation. Remove all sources of ignition.

**Other Information** Report spills as required to the appropriate authorities.

**Environmental precautions**

**Environmental precautions** No information available.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

**Methods for Clean-Up** Take up mechanically, placing in appropriate containers for disposal.

## 7. Handling and Storage

**Precautions for safe handling**

**Handling** Remove all sources of ignition. Keep container in a well-ventilated place. Do not puncture, crush or incinerate containers. Avoid contact with skin, eyes and clothing.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight. Keep away from heat.

**Incompatible materials** Acids and oxidizing agents.

## 8. Exposure Controls/Personal Protection

**Control parameters**

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Safety glasses with side-shields.

**Skin and Body Protection** Use protective gloves and clothing if contact with product is likely.

**Respiratory protection** If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Bland
<b>Appearance</b>	Clear	<b>Odor threshold</b>	No information available
<b>Color</b>	Colorless		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not applicable		
<b>Melting point / freezing point</b>	-	May begin to solidify at -60 °C / -76 °F	
<b>Boiling point</b>	176 °C / 349 °F		
<b>Flash point</b>	60 °C / 141 °F	Cleveland Open Cup	
<b>Evaporation rate</b>	No information available		

<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	-	
<b>Lower flammability limit</b>	-	
<b>Vapor pressure</b>	<1 mmHg @ 20 °C	
<b>Vapor density</b>	> 5	
<b>Specific gravity</b>	0.76	
<b>Water solubility</b>	Insoluble in water	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	-	No information available
<b>Decomposition temperature</b>	-	No information available
<b>Kinematic viscosity</b>	1.4 cSt @ 40°C / 22 SUS @ 100°F	
<b>Dynamic viscosity</b>	No information available	
<b>VOC Content, % Vol</b>	Request additional information	

## 10. Stability and Reactivity

### Reactivity

No unusual hazard

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal use conditions.

**Hazardous polymerization**      Hazardous polymerization does not occur.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials

Acids and oxidizing agents.

### Hazardous decomposition products

Carbon oxides.

## 11. Toxicological Information

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No unusual hazard.
<b>Skin contact</b>	No unusual hazard.
<b>Ingestion</b>	No data available.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Naphtha (petroleum), hydrotreated heavy 64742-48-9	> 5000 mg/kg ( Rat )	> 3160 mg/kg ( Rabbit )	

### Information on toxicological effects

**Symptoms**      No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation**      No unusual hazard.  
**Serious eye damage/eye irritation**      No unusual hazard.

<b>Sensitization</b>	No known effect.
<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	No known effect.
<b>Aspiration Hazard</b>	May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information****12. Ecological Information****Ecotoxicity**

Chemical name	Freshwater Algae	Fish	Microtox	Water Flea
Naphtha (petroleum), hydrotreated heavy 64742-48-9	No information available	2200: 96 h Pimephales promelas mg/L LC50		2.6: 96 h Chaetogammarus marinus mg/L LC50

**Persistence/Degradability**

Inherently biodegradable

**Bioaccumulation/ Accumulation**

No unusual hazard.

**Other adverse effects**

None known

**13. Disposal Considerations****Waste treatment methods****Waste Disposal Method** Dispose of in accordance with federal, state and local regulations.**Contaminated packaging** Empty containers should be taken for local recycling, recovery or waste disposal.**14. Transport Information****DOT**

<b>UN-No</b>	UN1268
<b>Proper shipping name</b>	Combustible liquid, n.o.s.
<b>Hazard Class</b>	3
<b>Packing group</b>	III
<b>Labels</b>	-
<b>Description</b>	See above

**TDG**

<b>UN-No</b>	-
<b>Proper shipping name</b>	Flammable liquid, n.o.s
<b>Hazard Class</b>	3
<b>Packing group</b>	-
<b>Labels</b>	-
<b>Description</b>	See above

**IMDG/IMO**

**UN-No** -  
**Proper shipping name** Flammable liquid, n.o.s  
**Hazard Class** 3  
**Packing group** Not applicable  
**Labels** -  
**Description** See above

**ADR/RID**

**UN-No** -  
**Proper shipping name** Flammable liquid, n.o.s  
**Hazard Class** 3  
**Packing group** -  
**ADR/RID-Labels** -  
**Description** See above

**IATA**

**UN-No** -  
**Proper shipping name** Flammable liquid, n.o.s  
**Hazard Class** 3  
**Labels** -  
**Packing group** -  
**Description** See above

PG\* : Packing group

Note: In containers of 119 gallons capacity or less this product is not regulated by DOT.

**15. Regulatory information**

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight-%	SARA 313 - Threshold Values %
Naphtha (petroleum), hydrotreated heavy - 64742-48-9	64742-48-9	100	

**SARA 311/312 Hazard Categories**

**Acute health hazard** yes  
**Chronic Health Hazard** No  
**Fire hazard** No  
**Sudden release of pressure hazard** No  
**Reactive Hazard** No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. Regulations & Inventories****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

No regulatory requirements found. All components of this product are either listed on the TSCA inventory or are exempt from listing requirements.

**U.S. EPA Label information**

**EPA Pesticide registration number** Not applicable

**CANADA****16. Other information**

<b><u>NFPA</u></b>	<b>HEALTH 1</b>	<b>Flammability 2</b>	<b>Instability 0</b>	<b>Physical hazard -</b>
<b><u>HMIS</u></b>	<b>HEALTH 1</b>	<b>Flammability 2</b>	<b>Physical Hazards 0</b>	<b>Personal Protection -</b>

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**Revision Summary**

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**